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PATENT

Atty. Docket No. MIT-103

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Kawasaki et al. **CONFIRMATION NO.:** 6219
SERIAL NUMBER: 09/422,999 **GROUP NO.:** 1646
FILING DATE: 10/22/99 **EXAMINER:** Murphy, J.
TITLE: GENES INTEGRATING SIGNAL TRANSDUCTION
PATHWAYS

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE

Sir:

This paper is responsive to the Office Action mailed on June 7, 2004, in the above-identified patent application. For the reasons discussed below, Applicants respectfully request withdrawal of the rejections made in the Office Action and allowance of the application. Applicants believe that no fee is due upon submission of this paper. However, if any fees are due, the Commissioner is hereby authorized to charge them to Deposit Account No. 20-0531.

Amendments to the Claims are reflected in the listing of claims beginning on page 2 of this paper.

Remarks begin on page 5 of this paper.